

## MAJOR MODIFICATION STATEMENT OF BASIS

as required by LAC 33:IX.3105.B.1, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0122301; AI 18692; PER20070001** to discharge to waters of the State of Louisiana as per LAC 33:IX.2311.

The permitting authority for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality  
Office of Environmental Services  
P. O. Box 4313  
Baton Rouge, Louisiana 70821-4313

- I.           **THE APPLICANT IS:**   Bluffs Management Company, LLC  
  The Bluffs Country Club & Resort  
  Post Office Box 1220  
  St. Francisville, Louisiana 70775
  
- II.           **PREPARED BY:**       Darlene Bernard
  
- DATE PREPARED:**   December 5, 2007
  
- III.          **PERMIT ACTION:**   Modification of LPDES permit LA0122301; AI 18692; PER20070001  
  
   LPDES Permit Effective: January 1, 2007  
  
   LPDES application received: July 23, 2007

IV.           **NATURE OF PERMIT MODIFICATION:**

On July 23, 2007, the Water Permits Division received a permit application requesting a modification to increase the design capacity of the existing sewer treatment plant from 0.17 to 0.3 MGD.

V.           **PUBLIC NOTICE:**

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit modification and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

Major Modification, Statement of Basis  
LA0122301; AI 18692; PER20070001  
 Page 2

For additional information, contact:

Ms. Darlene Bernard  
 Permits Division  
 Department of Environmental Quality  
 Office of Environmental Services  
 P. O. Box 4313  
 Baton Rouge, Louisiana 70821-4313

## VI.

### **PROPOSED PERMIT LIMITS:**

Subsegment 070502, Thompson Creek-Mississippi State Line to Mississippi River confluence, is listed on LDEQ's Final 2004 303(d) List as impaired for pathogen indicators. To date no TMDL's have been completed for this waterbody. A reopener clause will be established in the permit to allow for the requirement of more stringent effluent limitations and requirements as imposed by any future TMDLs.

#### **Pathogen Indicators**

To protect against the development of pathogenic organisms in the receiving waterbodies, fecal coliform limits have been established in the permit.

#### **Outfall 001**

Final Effluents Limitations for Outfall 001 shall become effective on the effective date of this Major Modification and expire on the expiration date of the permit.

<b>Effluent Characteristic</b>	<b>Monthly Avg. (lbs./day)</b>	<b>Monthly Avg.</b>	<b>Weekly Avg.</b>	<b>Basis</b>
BOD <sub>5</sub>	25	10 mg/l	15 mg/l	Limits are set in accordance with the Statewide Sanitary Effluent Limitations Policy (SSELP) for facilities of this treatment type and size.
TSS	38	15 mg/l	23 mg/l	Limits are set in accordance with the Statewide Sanitary Effluent Limitations Policy (SSELP) for facilities of this treatment type and size.

#### **Other Effluent Limitations:**

##### **1) Fecal Coliform**

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5.a, the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Weekly Average) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgement in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

Major Modification, Statement of Basis  
LA0122301; AI 18692; PER20070001  
Page 3

**2) pH**

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.).

**3) Solids and Foam**

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.